

Cultivating California

California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

Key Leadership for the Education and Environment Initiative:

Linda Adams, Secretary, California Environmental Protection Agency
Patty Zwarts, Deputy Secretary for Policy and Legislation, California Environmental Protection Agency
Andrea Lewis, Assistant Secretary for Education and Quality Programs, California Environmental Protection Agency
Mark Leary, Executive Director, California Integrated Waste Management Board
Mindy Fox, Director, Office of Education and the Environment, California Integrated Waste Management Board

Key Partners:

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Office of Education and the Environment
1001 | Street • Sacramento, California 95812 • (916) 341-6769
http://www.calepa.ca.gov/Education/EEI/

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Lesson 1 California's Changing Economy

None required for this lesson.

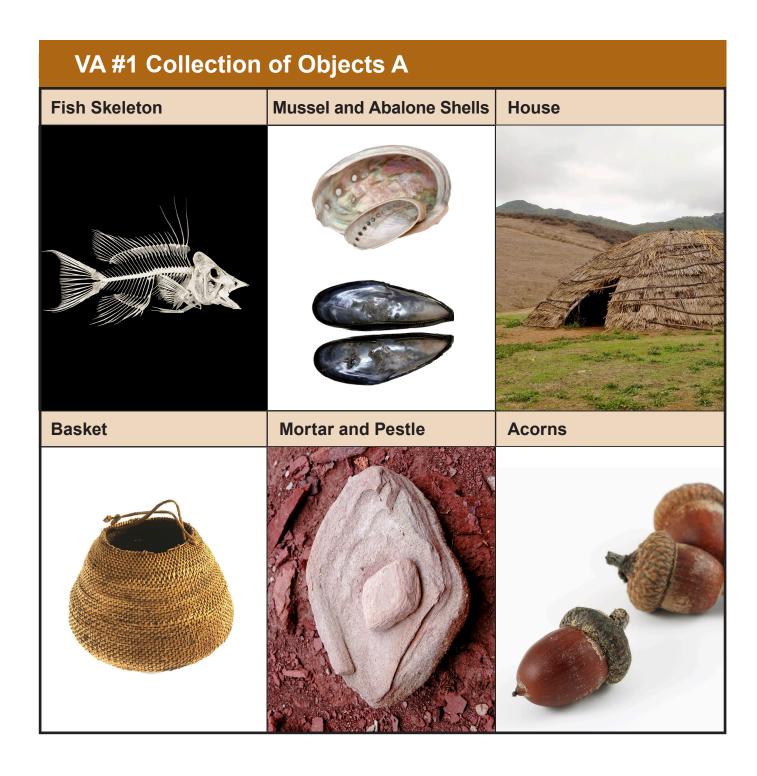
L	.esson 2 Hunters, Gatherers, Farmers, and Franciscans
1	Collection of Objects A
2	Collection of Objects B
3	Comparing Economies
L	esson 3 Documents of Changing Lives
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8	Native Plants and Natural Systems
9	Livestock and Natural Systems
10	Wild River
11	Water Control and Natural Systems

Lesson 5 Changing Natural Systems

None required for this lesson.

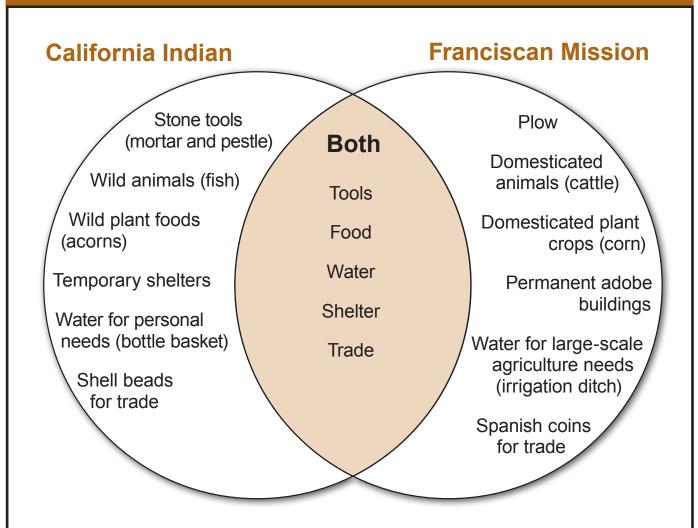
Lesson 6 The End of Hunting and Gathering

None required for this lesson.





VA #3 Comparing Economies



- 1. What is the same about these economies?
- 2. What is different about these economies?

VA #4 Reflections from 1769

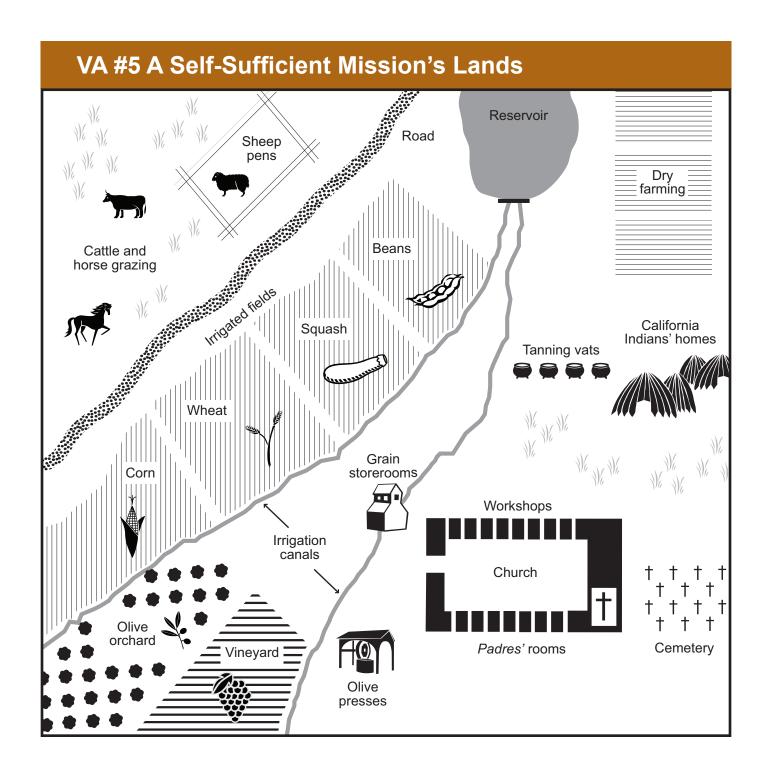
Reflections from 1769 by a Member of the **Portola Expedition**

"Great numbers of Indians came to the camp. They had presents of seeds, acorns, and honeycombs on stick frames.

"The natives came with roasted and fresh fish, seeds, acorns, and other foods. They wanted us to eat. We treated them all kindly. We gave them glass beads, ribbons, and other small things. In trade they gave us baskets, furs, and feather plumes.

"Two large bands of Indians met us on the road. They gave us presents of pine nuts and some large trays of hot cereal. These helped meet the needs of our men."

Adapted from Costanso, 1911.



VA #6 Agricultural Production at Mission San Gabriel

Wheat							
Year	Number of <i>Fanegas</i> Planted	Number of <i>Fanegas</i> Harvested					
1771	1/2	0					
1773	5 ½	80					
1775	8	109					
1777	2	55					
1795	179	2,600					
1807	280	7,000					
1821	237	11,000					

Livesto	Livestock							
Year	Number of Cattle	Number of Horses	Number of Sheep					
1773	38	6	40					
1783	900	140	1,800					
1803	9,500	1,630	13,000					
1807	9,500	1,605	10,000					
1811	11,000	850	10,000					
1829	25,000	2,000	15,000					

Adapted from Jackson and Castillo (1995) and Engelhardt (1927).

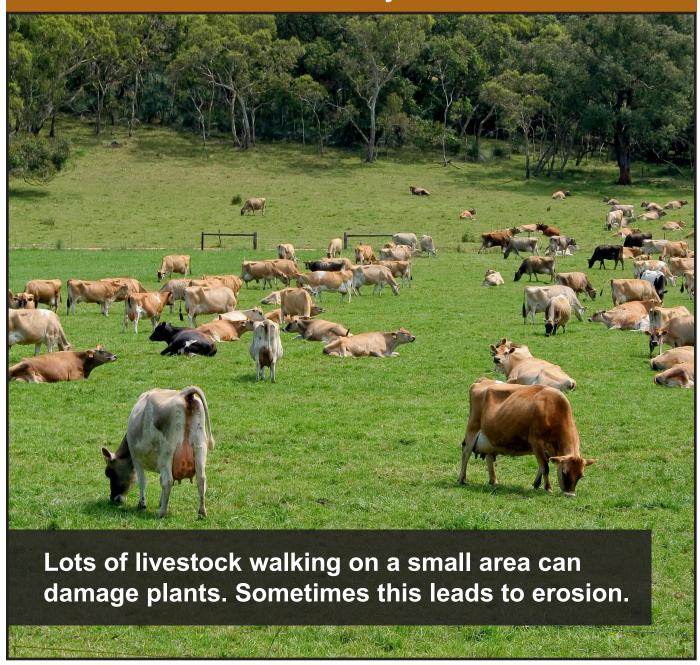
VA #7 Mission San Gabriel in 1800



VA #8 Native Plants and Natural Systems

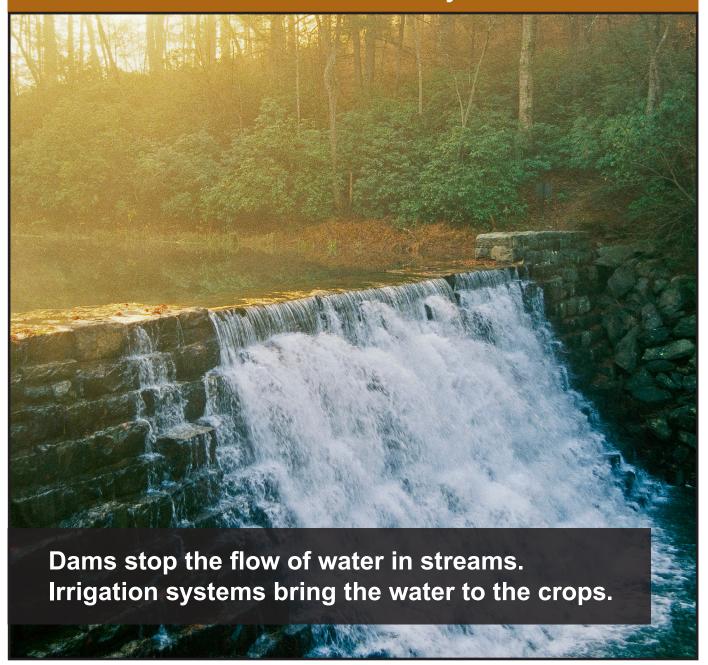


VA #9 Livestock and Natural Systems



VA #10 Wild River This is a wild river. In a wild river, the water flows naturally.

VA #11 Water Control and Natural Systems







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